AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph at page 15, line 7, with the following rewritten paragraph:

The apparatus type section 106 represents a type of an apparatus such as an air conditioner, a refrigerator, and a washing machine. The data type section 108 represents a type of a control to be implemented, such as an operating state of the apparatus such as ON/OFF of a power source, automatic/manual operation of the air conditioner or a like apparatus, operation mode of the apparatus as to whether the air conditioner is operated for cooling or warming, temperature setting, or humidity setting. The parameter information section 109 represents setting contents in association with the data type section 108. For instance, if the data type section 108 represents an operating state of the apparatus, the parameter information section 109 represents setting contents such as ON/OFF of the power source. If the data type section 108 represents an operation mode of the air conditioner, the parameter information section 109 represents setting contents as to automatic/manual operation of the air conditioner, or setting contents as to cooling or warming. If the data type section 108 represents temperature setting, the parameter information section 109 represents a temperature setting value such as 22°C. If the data type section 108 represents humidity setting, the parameter information section 109 represents a humidity setting value such as 14%~~14 °C (sic)~~.

Please replace the paragraph at page 34, line 19, with the following rewritten paragraph:

FIG. 18 is an illustration showing an example of a data construction where the data amount of the secondly transmitted communication data and thereafter is reduced in the case where the communication data shown in FIG. 4 is sequentially transmitted. As shown in FIG. 18, in the case where first communication data 100a' and third communication data 100c' having the same destination are sequentially transmitted, the communication data sending section 12 erases the forwarding address, the sender address, and the recipient address from the secondly transmitted communication data and thereafter, i.e., the third communication data 100c'~~100c (sic)~~.

2

Please replace the paragraph at page 37, line 10, with the following rewritten paragraph:

The apparatus control state administrating section 504 reads out the communication data stored in the recipient communication data storage 503~~receiving section 501~~, stores the parameter information in association with the data type information included in the communication data into the apparatus control state storage 505 if the service type information included in the communication data indicates a writing request, and reads out the parameter information in association with the data type information included in the communication data from the apparatus control state storage 505 if the service type information included in the communication data indicates a reading request.

Please replace the paragraph at page 37, line 19, with the following rewritten paragraph:

The apparatus control state storage 505 stores information representing a control state of the apparatus in association with the data type information and the parameter information. Specifically, the apparatus control state storage 505 stores therein the data type information including an operating state of the apparatus e.g. ON/OFF of the power source, automatic/manual operation of the air conditioner or a like apparatus, operation mode of the apparatus such as warming or cooling, temperature setting, and humidity setting; and the parameter information including setting contents such as ON/OFF in association with the operating state of the apparatus, automatic/manual operation in association with the operation mode of the air conditioner or a like apparatus, setting contents such as warming or cooling, temperature setting value corresponding to the temperature setting such as 22°C, and humidity setting value corresponding to the humidity setting such as 14%~~14°C (sic)~~.

Please replace the paragraph at page 43, line 21, with the following rewritten paragraph

Then, if it is judged that the second communication data is sent from the high-speed transmission medium 2 (YES in Step S32), the basic data number counting section 17 counts the number of basic data included in the received second communication data. In this embodiment,

since the second first (sic) communication data includes three basic data, the value "3" representing the basic data number is attached to the received second communication data (Step S33).

Please replace the paragraph at page 44, line 7, with the following rewritten paragraph:

Now, referring back to FIG. 23, the communication data receiving section 10 outputs the received second communication data to the communication data storage 11. The communication data storage 11 rewrites the destination of the received second communication data into the destination in the subnet on the low-speed transmission medium 3 to which the communication data is to be sent, and additionally registers the second first (sic) communication data including the rewritten destination in the communication data table stored in the communication data storage 11 (Step S34). The third communication data is stored in the communication data storage 11 in a similar manner as the first and the second communication data.

Please replace the paragraph at page 52, line 17, with the following rewritten paragraph:

Basic data included in the communication data includes at least data type information and parameter information. As mentioned in the foregoing embodiments, the data type information represents a type of a control to be implemented, including an operating state of an apparatus such as ON/OFF of a power source, automatic/manual operation of an air conditioner or a like apparatus, operation mode of the apparatus such as cooling or warming, temperature setting, and humidity setting. The parameter information represents setting contents in association with the data type information. For instance, if the data type information represents an operating state of the apparatus, the parameter information represents setting contents such as ON/OFF of the power source. If the data type information represents an operation mode of the air conditioner, the parameter information represents setting contents as to automatic/manual operation of the air conditioner, or setting contents as to cooling or warming. If the data type information represents temperature setting, the parameter information represents a temperature setting value such as 22°C. If the data type information represents humidity setting, the parameter information represents a humidity setting value such as 14%14 °C (sic).

4

Please replace the paragraph at page 68, line 2, with the following rewritten paragraph:

The data contents comparing section 20 compares data contents of communication data stored in the communication data ~~temporal~~ storage 11~~13 (sic)~~ with data contents of communication data stored in the communication data temporal storage 13. In this embodiment, the data contents comparing section 20 corresponds to an example of data contents comparing means.

Please replace the paragraph at page 68, line 19, with the following rewritten paragraph:

The data contents represent data in a data area. The data contents comparing section 20 compares the data in the data area of the communication data stored in the communication data ~~temporal~~ storage 11~~13 (sic)~~ with the data in the data area of the communication data stored in the communication data temporal storage 13. The communication data transmission controlling section 15 counts the number of the communication data having the same data in the data area, as a result of comparison by the data contents comparing section 20 between the data in the data area of the communication data stored in the communication data ~~temporal~~ storage 11~~13 (sic)~~ with the data in the data area of the communication data stored in the communication data temporal storage 13, and designates the communication data sending section 12 to transmit the information representing the counted number of the communication data having the same data.

Please replace the paragraph at page 79, line 10, with the following rewritten paragraph:

Now, an apparatus as an example of a communication device in the fifth embodiment is described. Since the arrangement of the apparatus in the fifth embodiment is identical to that of the apparatus shown in FIG. 19, the apparatus in the fifth~~fourth (sic)~~ embodiment is described referring to FIG. 19. Further, description on the arrangement of the apparatus in the fifth embodiment that is identical or equivalent to that of the apparatus in the first embodiment is omitted.

5

Please replace the paragraph at page 88, line 22, with the following rewritten paragraph:

Yet another aspect of the invention is directed to a routing program for relaying data between a first network and a second network. The routing program causing a computer to function as: communication data receiving means for receiving communication data including at least one address of a destination from the first network; communication data storing means for storing therein the at least one communication data received by the communication data receiving means~~step (sic)~~; communication data sending means for sending the communication data to the second network; communication data temporal storing means for temporarily storing therein the communication data sent to the second network by the communication data sending means; destination comparing means for comparing the destination included in the one or more communication data stored in the communication data storing means with the destination included in the communication data stored in the communication data temporal storing means one by one;

communication data transmission controlling means for designating the communication data sending means to transmit the communication data stored in the communication data storing means if a comparison result by the destination comparing means indicates destination matching or if no communication data to be compared is stored in the communication data temporal storing means; and communication data erasing means for erasing the transmitted communication data from the communication data storing means in response to sending the communication data to the second network by the communication data sending means.

Please replace the paragraph at page 89, line 19, with the following rewritten paragraph:

Still another aspect of the invention is directed to a computer-readable recording medium recorded with a routing program for relaying data between a first network and a second network. The routing program causes a computer to function as: communication data receiving means for receiving communication data including at least one address of a destination from the first network; communication data storing means for storing therein the at least one communication data received by the communication data receiving means~~step (sic)~~; communication data sending means for sending the communication data to the second network; communication data temporal storing means for temporarily storing therein the communication data sent to the second network by the

communication data sending means; destination comparing means for comparing the destination included in the one or more communication data stored in the communication data storing means with the destination included in the communication data stored in the communication data temporal storing means one by one; communication data transmission controlling means for designating the communication data sending means to transmit the communication data stored in the communication data storing means if a comparison result by the destination comparing means indicates destination matching or if no communication data to be compared is stored in the communication data temporal storing means; and communication data erasing means for erasing the transmitted communication data from the communication data storing means in response to sending the communication data to the second network by the communication data sending means.